No. 200700089

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Archer-Daniels-Midland Company

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

BEAN, FIELD

'Bandit'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this seventh day of December, in the year two thousand and seven.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions*

Form Approved - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER
ARCHER-DANIELS-MIDLAND COMPANY

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME
B210237

3. VARIETY NAME
BANDIT

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
4666 FARIES PARKWAY
DECATUR, IL 62526

5. TELEPHONE *(include area code)*
(217)451-2777

6. FAX *(include area code)*
(217)424-6196

FOR OFFICIAL USE ONLY

PVPO NUMBER
FILING DATE **#200700089** JANUARY 12, 2007

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.)*
CORPORATION

8. IF INCORPORATED, GIVE STATE OF INCORPORATION
DE

9. DATE OF INCORPORATION
MAY 2, 1923

FEES RECEIVED

FILING AND EXAMINATION FEES:
$ 4,382.00
DATE 1/12/07

CERTIFICATION FEE:
$ 768.00
DATE 10/1/07

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*
ANDREW F. NILLES
CORPORATE COUNSEL/REGISTERED PATENT ATTORNEY
ARCHER-DANIELS-MIDLAND COMPANY
4666 FARIES PARKWAY
DECATUR, IL 62526

11. TELEPHONE (Include area code)
(217)451-2777

12. FAX (Include area code)
(217)424-6196

13. E-MAIL
ANDREW NILLES @ADMWORLD.COM

14. CROP KIND *(Common Name)*
BLACK BEAN

16. FAMILY NAME *(Botanical)*
LEGUMINOSAE

15. GENUS AND SPECIES NAME OF CROP
PHASEOLUS VULGARIS

17. IS THE VARIETY A FIRST GENERATION HYBRID?
☐ YES ☒ NO

18. DOES THE VARIETY CONTAIN ANY TRANSGENES? *(OPTIONAL)*
☐ YES ☒ NO
IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERICALIZATION. _____

19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)
- a. ☒ Exhibit A. Origin and Breeding History of the Variety
- b. ☒ Exhibit B. Statement of Distinctness
- c. ☒ Exhibit C. Objective Description of Variety
- d. ☒ Exhibit D. Additional Description of the Variety *(Optional)*
- e. ☒ Exhibit E. Statement of the Basis of the Owner's Ownership
- f. ☒ Exhibit F. Declaration Regarding Deposit
- g. ☒ Voucher Sample *(3,000 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)*
- g. ☐ Filing and Examination Fee ($4,382), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office)*

MAH 8/24/07

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act)*
☐ YES *(If "yes", answer items 21 and 22 below)* ☒ NO *(If "no", go to item 23)*

21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES?
☐ YES ☐ NO
IF YES, WHICH CLASSES? ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☐ YES ☐ NO
IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS.
☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED
(If additional explanation is necessary, please use the space indicated on the reverse.)

23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES?
☐ YES ☒ NO
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. *(Please use space indicated on reverse.)*

24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT *(PLANT BREEDER'S RIGHT OR PATENT)*?
MAH per letter of Sept 11, 2007
☐ YES ☒ NO
IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. *(Please use space indicated on reverse.)*

25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF OWNER		SIGNATURE OF OWNER	
AFN			
NAME *(Please print or type)*		NAME *(Please print or type)*	
DAVID J. SMITH			
CAPACITY OR TITLE	DATE	CAPACITY OR TITLE	DATE
EXECUTIVE VP, SECRETARY AND GENERAL COUNSEL	1. 11. 2007		

(See reverse for instructions and information collection burden statement)

GENERAL INSTRUCTIONS: To be effectively filed with the Plant Variety Protection Office (PVPO), **ALL** of the following items must be **received** in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E, F; (3) for a tuber reproduced variety, verification that a viable *(in the sense that it will reproduce an entire plant)* tissue culture will be deposited and maintained in an approved public repository; and (4) payment by credit card or check drawn on a U.S. bank for $4,382 ($518 filing fee and $3,864 examination fee), payable to "Treasurer of the United States" *(See Section 97.6 of the Regulations and Rules of Practice).* **NEW:** With the application for a seed reproduced variety **or by direct deposit soon after filing**, the applicant must provide at least 3,000 viable untreated seeds of the variety *per se*, and for a hybrid variety at least 3,000 untreated seeds of each line necessary to **reproduce** the variety. Partial applications will be held in the PVPO for not more than 90 days; then returned to the applicant as un-filed. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a payment by credit card or check payable to "Treasurer of the United States" in the amount of $768 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. *(See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)*

Plant Variety Protection Office
Telephone: (301) 504-5518 **FAX:** (301) 504-5291
General E-mail: PVPOmail@usda.gov
Homepage: http://www.ams.usda.gov/science/pvpo/PVPindex.htm

#200700089

SPECIFIC INSTRUCTIONS:
To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and **provide evidence** that the permanent name of the application variety (even if it is a parental, inbred line) has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: U.S. Department of Agriculture, Agricultural Marketing Service, Livestock and Seed Programs, **Seed Regulatory and Testing Branch**, 801 Summit Crossing Place, Suite C, Gastonia, North Carolina 28054-2193 Telephone: (704) 810-8870. http://www.ams.usda.gov/lsg/seed.htm.

ITEM

19a. Give:
(1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
(2) the details of subsequent stages of selection and multiplication;
(3) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified

19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:

(1) identify these varieties and state all differences objectively;
(2) attach replicated statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.

19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.

19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, *etc.*

19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.

20. If "Yes" is specified *(seed of this variety be sold by variety name only, as a class of certified seed)*, the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. *(See Regulations and Rules of Practice, Section 97.103).*

23. *See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.*

24. *See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.*

22. CONTINUED FROM FRONT *(Please provide a statement as to the limitation and sequence of generations that may be certified.)*

23. CONTINUED FROM FRONT *(Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)*

24. CONTINUED FROM FRONT *(Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)*

Exhibit 19A: Origin and Breeding History of 'Bandit' black bean

Statement of Uniformity and Stability

Bandit was observed to be uniform and stable over five generations, since the plant structure and pod clearance traits of Bandit were present in all environments, locations, years and generations. No variants were observed.

Bandit was tested in thirty (30) environments in three countries (United States, Canada, Chile) over a period of four (4) years (2003, 2004, 2005, 2006) and five (5) generations (F4, F5, F6, F7 and F8).

During the advancement of Bandit by self pollination for seed production from the F4 through the F7 generations in Idaho over the years 2003, 2004, 2005 and 2006, the upright structure and improved pod clearance traits were uniformly expressed in Bandit.

Off-types at a percentage less than one can occur for almost any characteristic. Off-types for flower color and maturity were removed in the field before harvesting. Off-types for seed shape, color or size were removed on the mill line. Therefore, a low level of off-types during seed multiplication is considered to be within commercially acceptable limits.

Evidence of Uniformity and Stability

2000 T39, a high yielding commercial black bean variety, was crossed with the upright variety Midnight in the winter cycle 1 greenhouse. F1 seeds showed no phenotypic variation and were planted in pots in the winter cycle 2 greenhouse in Caldwell, Idaho. After self-pollination, the F2 population was harvested.

2001 The F2 seed was planted in the field in Caldwell, Idaho. The F2 plants showed variation for plant structure and pod number. Single plants within rows that had the upright structure of the Midnight parent, a minimum of 15 pods per plant, and at least 95% pod clearance from the ground were selected. The F2: F3 seed was harvested.

2002 F3 seed was planted to single progeny rows in the field at Caldwell, Idaho. Rows that had the upright structure of the Midnight parent, 95% pod clearance and higher yield than both parents, were selected for advancement. All plants in the row displayed the upright phenotype uniformly.

B210237 (Bandit) is derived from a single F2:3 row selected for upright structure and increased seed yield by the modified pedigree breeding method. F2:4 seed harvested from the upright row was bulked and used as the source of seed for all subsequent generations.

Advance of Idaho-only-grown Generations for Seed Sale

2003 F4 seed was advanced to F5 in Caldwell Idaho in yield trials.

2004 F5 seed was advanced to F6 in Caldwell Idaho medium increase plots to generate 100 lbs.

2005 F6 seed was advanced to F7 in Caldwell Idaho in large increase plots to generate 1800 lbs.

2006 First acre of F8 breeder seed harvested. Bandit available for sale.

Testing Schedule of Seed Advanced in Idaho and Chile

2003 F4 seed was planted in yield trials in Caldwell, Idaho. The F5 was harvested and planted in yield trials in Chile, where the F6 was harvested.

2004 F6 from Chile was planted in Caldwell, Idaho and North Dakota for yield trials. The F7 harvested in Idaho was tested again in Chile.

2005 The F7 harvested in Idaho was used for yield testing in Idaho. The F8 harvested from Chile was used for testing in Wyoming, North Dakota, Minnesota and Michigan. F7 seed was sent to Chile for winter increase.

2006 F7 seed that had been produced in Idaho was tested in 15 locations across the U.S. and Canada as part of the Cooperative Dry Bean Nursery. Additional yield testing of Bandit was conducted on the F7 seed in Idaho and on the F8 seed (Chile) in Wyoming, North Dakota, Minnesota, Michigan, New York, and Ontario.

Exhibit 19B: Summary of Bandit's Distinctness

Bandit most closely resembles the T39 black bean variety. Bandit has the dull black seed coat, seed size and shape of T39. Bandit and T39 both have the type II (CIAT scale) indeterminate growth habit.

Bandit (Upright Short Vine) is clearly distinguishable from T39 (Bush Short Vine) in its plant architecture or structure rating. Plant structure was measured by visual phenotyping of rows at the mature dry-down stage of development. Plants with no pods touching the ground and a stem axis perpendicular to the ground were given a score of 9. Plants with prostrate vines and most pods touching the ground were given a score of 0. Intermediate structures varied in the density of branching, angle of stem axis to the ground and percentage of pods touching the ground. In trials with 3 replicate samples conducted at Caldwell, Idaho and Powell, Wyoming in 2004, 2005 and 2006, Bandit averaged 7.8 for structure score, while T39 averaged 5.3. A paired T-test conducted on this data confirms that the difference in average values for Bandit and T39 are significant.

Structure Scores for two varieties

Year	Environment	T39	B210237 (Bandit)	
2005	Powell Wyoming	5.5	9.0	
2006	Powell Wyoming	5.0	9.0	
2004	Caldwell Idaho	4.8	6.3	
2005	Caldwell Idaho Site A	5.0	7.3	
2005	Caldwell Idaho Site B	6.3	7.3	
2006	Caldwell Idaho	5.3	8.0	
	Mean	5.3	7.8	
	Paired T Test		t-statistic =	**-5.34694**
	(Probability)			**0.001,535**

Rating of 1 = prostrate vine with all pods touching the ground;
Rating of 9 = completely erect with no pods touching the ground
Each rating represents the average of 3 replications in one trial.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

Exhibit C

OBJECTIVE DESCRIPTION OF VARIETY
Field Bean (*Phaseolus vulgaris* L.)

NAME OF APPLICANT (S)	TEMPORARY OR EXPERIMENTAL DESIGNATION	VARIETY NAME
ARCHER-DANIELS-MIDLAND COMPANY	B210237	BANDIT

ADDRESS *(Street and No. or RD No., City, State, Zip Code, and Country)*

4666 FARIES PARKWAY
DECATUR, IL 62526

FOR OFFICIAL USE ONLY

PVPO NUMBER

#200700089

PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Provide data for all characters unless indicated as "optional". Place numbers in the boxes for the characters or numerical values that best describe this variety. Measured data should be the mean of an appropriate number of well spaced (15-20 cm) plants. The Royal Horticultural Society or any recognized color standard may be used to determine plant color. Designate the color system used below.

COLOR SYSTEM USED:

LOCATION OF THE TEST(S) TO EVALUATE THIS VARIETY:
Caldwell, Idaho MH 8/24/07

1. MARKET CLASS:

[0][3]

CLASS	CHECK
1 = Navy (Pea)	Seafarer
2 = Small White	Aurora
3 = Black	Midnight
4 = Pinto	UI-114
5 = Great Northern	UI-59
6 = Small Red	NW-59
7 = Pink	Viva
8 = Cranberry	UI-50
9 = Dark Red Kidney	Montclaim
10 = Light Red Kidney	Redkloud
11 = Yellow Eye	Steuben
12 = Other (Specify_____	

2 = MATURITY:

[2] 1 = Early (80-90 days) 2 = Medium (90-100 Days) 3 = Late (> 100 Days)

[9][0] Days from Planting to Harvest Maturity

[ ][ ][ ][ ] Heat Units from Planting to Harvest Maturity (Optional). Specify Base Temperature Used: _____

[8][8] Days from Planting to Harvest Maturity of Check Variety (Use Check Appropriate to Market Class Shown in Item 1)

3. PLANT HABIT:

TYPE

1 = Ia Bush-determinate, Strong and Erect Stem and Branches
2 = Ib Bush-determinate, Weak Stem and Branches
3 = IIa Erect Growth Habit-indeterminate, Guides (Runners) short or not developed
4 = IIb Erect Growth Habit-indeterminate, Guides Medium to Long, with no Ability to Climb
5 = IIIa Vine-indeterminate, Short Guides with no ability to Climb
6 = IIIb Vine-indeterminate, Long Guides with Ability to Climb
7 = IVa Indeterminate Climbing, Pods Distributed Throughout the Plant
8 = IVb Indeterminate Climbing, Pods Concentrated on the Upper Part of the Plant

[4][1] Average Height of Mature Plant, in cm.

[4][5] Average Height of Check Variety, in cm. (Use Same Check as Above)

[2] Pod Position: 1 = Low (Lower Pods Touching Soil Surface) 2 = High (Lower Pods not Touching Soil Surface) 3 = Scattered (Not Concentrated High or Low)

[1] Adaptability to Machine Harvest: 1 = Adapted 2 = Not Adapted

[1] Lodging Resistance: 1 = Good 2 = Fair 3 = Poor

4. LEAFLET MORPHOLOGY: (Use terminal Leaflet of a Fully Expanded Trifoliolate)

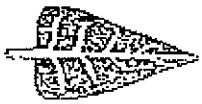
[2] 1 = Smooth 2 = Wrinkled

[1] 1 = Dull 2 = Glossy 3 = Semiglossy 4 = Variable

Shape: [1]

1 = Ovate 

2 = Lanceolate 

3 = Deltoid 

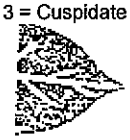
4 = Cordate 

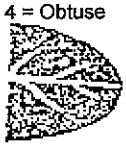
5 = Rhomboid 

Apex of Leaflet: [2]

1 = Acute 

2 = Acuminate 

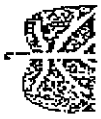
3 = Cuspidate 

4 = Obtuse 

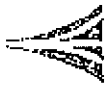
Base of Leaflet: [1]

1 = Obtuse 

2 = Oblique 

3 = Cordate 

4 = Cuneate 

5 = Attentuate 

5. FLOWER COLOR AND DAYS TO BLOOM:

[5] Color of Standard: 1 = White 2 = Cream 3 = Pink 4 = Blue 5 = Purple

[5] Color of Keel: 1 = White 2 = Cream 3 = Pink 4 = Blue 5 = Purple

[5] Color of Wings: 1 = White 2 = Cream 3 = Pink 4 = Blue 5 = Purple

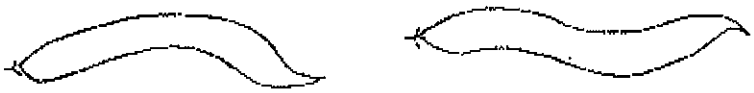
[5 3] Days to 50% Bloom

6. POD MORPHOLOGY: (Green Pod Morphology Optional)

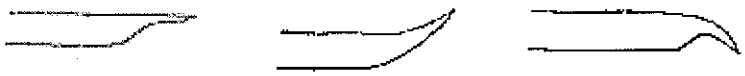
Green	Mature		
[1]	[1]	Color Pattern:	1 = Solid 2 = Striped 3 = Blotched 4 = Mottled 5 = Other _____
[3]	[5]	Primary Color:	1 = Purple 2 = Red 3 = Green 4 = Yellow 5 = Tan 6 = Brown 7 = Other _____
[ ]	[ ]	Color Modifier:	1 = Light 2 = Light Medium 3 = Medium 4 = Medium Dark 5 = Dark
[ ]	[ ]	Secondary Color:	1 = Purple 2 = Red 3 = Green 4 = Yellow 5 = Tan 6 = Brown 7 = Other _____
[3]	[3]	Cross Section Shape:	1 = Flat 2 = Pear 3 = Round 4 = Figure Eight

[2] [2] Pod Curvature 1 = Straight 2 = Slightly Curved

3 = Curved 4 = Recurved



[1] [1] Pod Beak Orientation: 1 = Straight 2 = Curved Upward 3 = Curved Downward 4 = Variable



Average Beak Length, in cm. _____

[2] [2] Constrictions: 1 = None 2 = Slight 3 = Deep

[6] . [6] Average Number of Seeds per Pod

7

7. SEED COLOR:

[2] 1 = Shiny 2 = Dull 3 = Semishiny 4 = Variable

[1] 1 = Monochrome 2 = Polychrome

[1 0] Primary Color: 1 = White 2 = Yellow 3 = Buff 4 = Tan 5 = Brown 6 = Pink 7 = Red 8 = Purple 9 = Blue 10 = Black 11 = Other _____

[ ] Secondary Color: 1 = White 2 = Yellow 3 = Buff 4 = Tan 5 = Brown 6 = Pink 7 = Red 8 = Purple 9 = Blue 10 = Black 11 = Other _____

[1] Color Pattern: 1 = Solid 2 = Splashed 3 = Mottled 4 = Striped 5 = Flecked 6 = Dotted

[1] Hilar Ring: 1 = Absent 2 = Present

[ ] Hilar Ring Color: 1 = White 2 = Yellow 3 = Buff 4 = Tan 5 = Brown 6 = Pink 7 = Red 8 = Purple 9 = Blue 10 = Black 11 = Other _____

8. SEED SHAPE AND WEIGHT:

[2] Shape of Seed Taken From Middle of Pod: 1 = Round 2 = Oval 3 = Cuboid 4 = Kidney 5 = Truncate Fastigate

[2 3] Dry Seed Weight in g/100g Seeds (Adjusted to 12% Moisture)

9. ANTHOCYANIN PIGMENTATION:

1 = Absent
2 = Present

[2] Flowers [2] Stems [1] Pods [ ] Seeds

[ ] Leaves [ ] Petioles [ ] Peduncles [ ] Nodes

10. KNOWN DISEASE REACTION:

DISEASES – COMMON NAME: Anthracnose, Rust, Powdery Mildew, Fusarium Root Rot, Pythium Root Rot, Rhizoctonia Root Rot, Pythium Wilt, Sclerotinia White Mold, angular Leaf Spot, Bacterial Wilt, Halo Blight, Fuscous Blight, Common Bacterial Blight, Red Node Virus, Pod Mottle Virus, Bean Common Mosaic Virus, Bean Yellow Mosaic Virus, Curly Top Virus, Bacterial Brown Spot, Bean Southern Mosaic Virus, Other (Specify) _____

Reaction: 1 = Susceptible 2 = Resistant 3 = Tolerant 4 = Avoidance

(Give the Common Name (CN), Scientific Name (SN), and Race(s), Where Applicable)

[3] Disease: CN WHITE MOLD; SN SCLEROTINIA SCLEROTIORUM; Race(s) _____;

[ ] Disease: CN _____; SN _____; Race(s) _____;

[ ] Disease: CN _____; SN _____; Race(s) _____;

[ ] Disease: CN _____; SN _____; Race(s) _____;

[ ] Disease: CN _____; SN _____; Race(s) _____;

[ ] Disease: CN _____; SN _____; Race(s) _____;

11. KNOWN INSECT/NEMATODE RESISTANCE:

PESTS – COMMON NAME: Aphids, Bean Pod Weevil, Bruchid Beetle, Corn Earworm, Flea Beetle, Leaf Hopper, Lesion Nematode, Lygus, Mexican Bean Beetle, Root Know Nematode, Corn Seed Maggot, Spider Mites, Thrips, Weevils, Western Bean Cutowrm, Other (Specify) _____

Reaction: 1 = Susceptible 2 = Resistant 3 = Tolerant 4 = Avoidance

(Give the Common Name (CN), Scientific Name (SN), and Race(s), Where Applicable)

[ ] Pest: CN _____; SN _____; Race(s) _____;

[ ] Pest: CN _____; SN _____; Race(s) _____;

[ ] Pest: CN _____; SN _____; Race(s) _____;

12. KNOWN PHYSIOLOGICAL STRESS REACTION:

1 = Susceptible 2 = Resistant
3 = Tolerant 4 = Avoidance

[ ] Heat [ ] Cold [3] Drought [ ] Air Pollution

8

13. COMMENTS:

B210237 (BANDIT) IS AN IMPROVEMENT OVER T39 IN THAT IT HAS MORE WHITE MOLD TOLERANCE THAN T39, IMPROVED YIELD STABILITY UNDER DROUGHT, HAS MORE UPRIGHT STRUCTURE, AND IS CAPABLE OF DIRECT HARVEST.

Exhibit 19D: Additional Description of 'Bandit'

Significance of Bandit's Plant Architecture

Even though Bandit and T39 are Type II (CIAT scale) growth habit, the more upright structure of Bandit provides three benefits over T39.

1) Bandit's plant architecture allows Bandit to be directly harvested in the field as dry beans using equipment designed for soybean harvesting. T39 requires pulling or cutting of the dry plants prior to harvesting.

2) Bandit's plant architecture generates a porous canopy which does not trap as much humidity as does the canopy from the plant architecture of T39. The more porous canopy of Bandit helps to minimize the spread of fungal diseases such as white mold which severely limits yield. The upright structure and plant architecture of Bandit is believed to function as a disease avoidance mechanism.

3) Bandit is resistant to lodging. The upright structure of Bandit also minimizes the presence of foreign material in the harvested Bandit bean seed. The plant architecture of Bandit also minimizes dirt balls and stones during the harvest of Bandit, as well as improving the processing of harvested Bandit beans in the mill and further improves the quality of the food product.

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

Application is required in order to determine if a plant variety protection certificate is to be issued *(7 U.S.C. 2421)*. The information is held confidential until the certificate is issued *(7 U.S.C. 2426)*.

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
ARCHER-DANIELS-MIDLAND COMPANY	B210237	BANDIT

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*	5. TELEPHONE *(Include area code)*	6. FAX *(Include area code)*
4666 FARIES PARKWAY DECATUR, IL 62526	(217) 451-2777	(217)424-6196

7. PVPO NUMBER #200700089

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. **If no, please explain.** ☑ YES ☐ NO

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? **If no, give name of country.** ☒ YES ☐ NO

10. Is the applicant the original owner? ☒ YES ☐ NO **If no, please answer one of the following:**

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?
☐ YES ☐ NO **If no, give name of country**

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?
☐ YES ☐ NO **If no, give name of country**

11. Additional explanation on ownership *(Trace ownership from original breeder to current owner. Use the reverse for extra space if needed)*:

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

EXHIBIT F
DECLARATION REGARDING DEPOSIT

NAME OF OWNER (S)	ADDRESS *(Street and No. or RD No., City, State, and Zip Code and Country)*	TEMPORARY OR EXPERIMENTAL DESIGNATION
ARCHER-DANIELS-MIDLAND CO	4666 FARIES PARKWAY DECATUR, IL 62526	B210237 VARIETY NAME BANDIT
NAME OF OWNER REPRESENTATIVE (S)	ADDRESS *(Street and No. or RD No., City, State, and Zip Code and Country)*	FOR OFFICIAL USE ONLY
ANDREW F. NILLES	4666 FARIES PARKWAY DECATUR, IL 62526	PVPO NUMBER #200700089

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

Andrew F. Nilles
Signature

1-11-07
Date